

**REMARKS-General**

1. Applicant acknowledges the allowability of claims 23-38. The newly drafted independent claims 40, 47 and 54 incorporate all structural limitations of the original claim 1 and include further limitations previously brought forth in the original allowable claim 23, 24 and 27, including any intervening claims, respectively. No new matter has been included. All new claims 40-55 are submitted to be of sufficient clarity and detail to enable a person of average skill in the art to make and use the instant invention, so as to be pursuant to 35 USC 112.

2. Accordingly, the newly drafted independent 40, 47 and 54 are rewritten the original allowable claims 23, 24 and 27 respectively. The newly drafted dependent claims 41-46 are rewritten from the original allowable claims 25, 28, 30, 33, 35 and 37 respectively. The newly drafted dependent claims 48-53 are rewritten from the original allowable claims 26, 29, 31, 34, 36, and 38 respectively. The newly drafted dependent claim 55 is rewritten from the original allowable claim 32.

3. A formal drawing, Figure 1, is submitted herewith to replace the corresponding original figure in file upon the approval of the proposed drawing correction of Figure 1.

**Response to Rejection of Claims 39 under 35USC112**

4. The rejected claim 39 is deleted in this application.

**Regarding to Rejection of Claims 21 and 22 under 35USC103**

5. The rejected claims 21 and 22 are deleted in this application.

**The Cited but Non-Applied References**

6. The cited but not relied upon references have been studied and are greatly appreciated, but are deemed to be less relevant than the relied upon references.

7. In view of the above, it is submitted that the claims are in condition for allowance. Reconsideration and withdrawal of the objection are requested. Allowance of claims 40-55 at an early date is solicited.

8. Should the Examiner believe that anything further is needed in order to place the application in condition for allowance, he is requested to contact the undersigned at the telephone number listed below.

Respectfully submitted,

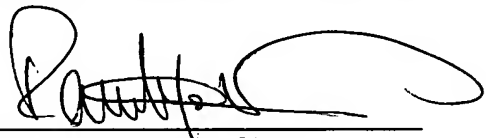


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#### CERTIFICATE OF MAILING

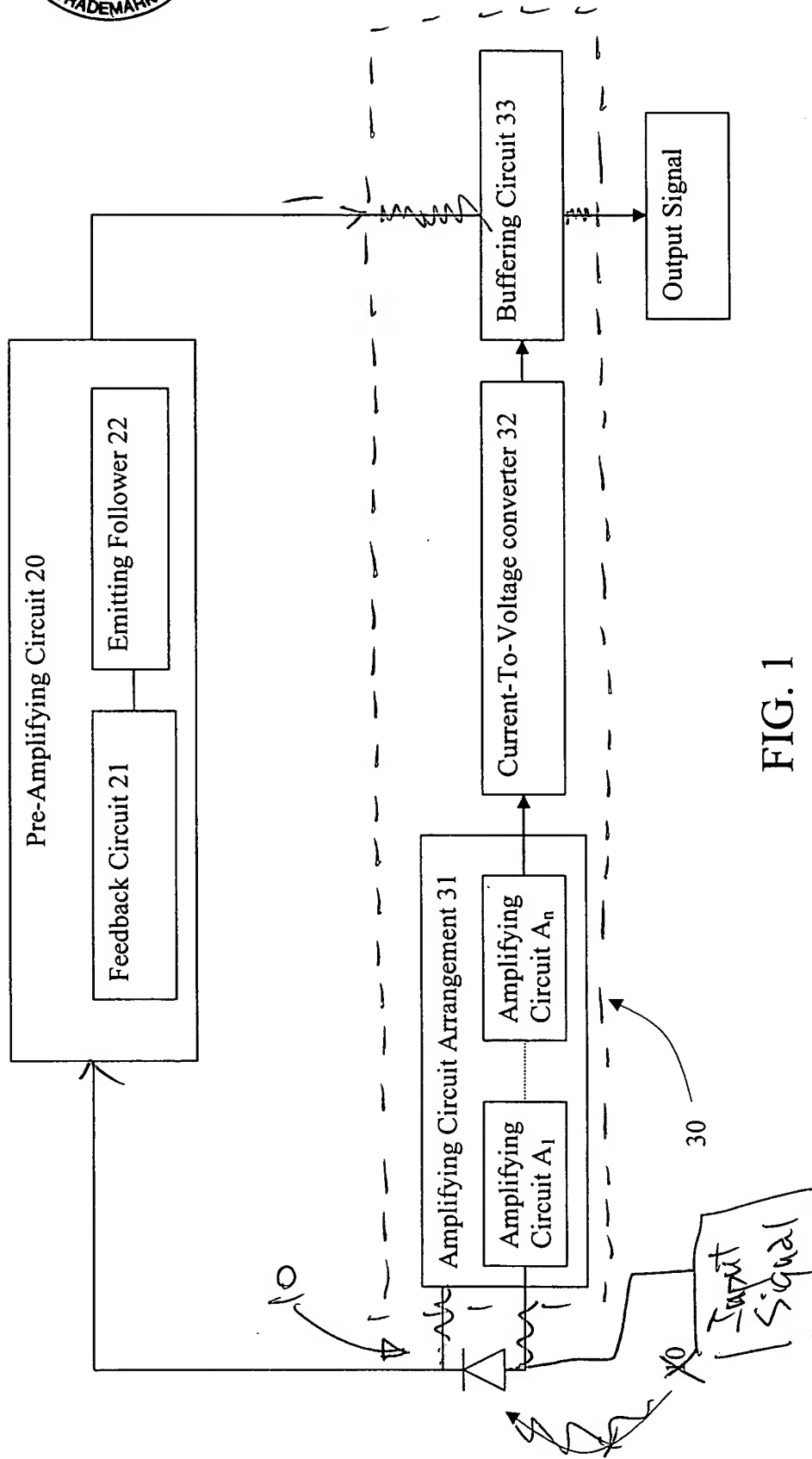
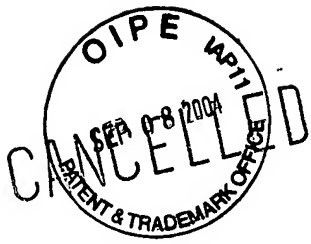
I hereby certify that this corresponding is being deposited with the United States Postal Service by First Class Mail, with sufficient postage, in an envelope addressed to "Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" on the date below.

Date: September 02, 2005

Signature:   
Person Signing: Raymond Y. Chan

**DRAWING AMENDMENTS**

The configuration of the instant invention, including the photodiode 10, the preamplifier circuit 20, and the output circuit 30 that were described in the original specification, has been amended to Figure 1 of the drawing in red ink along with the new element. A drawing amendment approval request form is enclosed herewith, as pursuant to MPEP 608.02(v).



Proposed Drawing Correction